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OM protein - protein search, using sw model

Run on: January 31, 2002, 14:55:50 ; Search time 12.44 Seconds
(without alignments)
23.516 Million cell updates/sec

Title: US-09-483-831B-69_COPY_201_213
Perfect score: 76
Sequence: 1 YMRRPVYPTKTFPN 13

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 50 summaries

Database : Issued_Patents_AA:
1: /cggn2_6/ptodata/2/iaa/5A_COMB.pep:
2: /cggn2_6/ptodata/2/iaa/5B_COMB.pep:
3: /cggn2_6/ptodata/2/iaa/6A_COMB.pep:
4: /cggn2_6/ptodata/2/iaa/6B_COMB.pep:
5: /cggn2_6/ptodata/2/iaa/PCTUS_COMBO.pep:
6: /cggn2_6/ptodata/2/iaa/backfiles1.pep:
*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	76	100.0	788	1	US-08-346-455B-36	Sequence 36, Appl
2	76	100.0	788	3	US-08-977-221-36	Sequence 36, Appl
3	76	100.0	788	5	PCT-US95-06613-36	Sequence 36, Appl
4	76	100.0	829	1	US-08-346-455B-34	Sequence 34, Appl
5	76	100.0	829	3	US-08-977-221-34	Sequence 34, Appl
6	76	100.0	829	5	PCT-US95-06613-34	Sequence 34, Appl
7	76	100.0	915	1	US-08-346-455B-69	Sequence 69, Appl
8	76	100.0	915	3	US-08-977-221-69	Sequence 69, Appl
9	76	100.0	915	5	PCT-US95-06613-69	Sequence 69, Appl
10	76	100.0	979	1	US-08-346-455B-38	Sequence 38, Appl
11	76	100.0	979	3	US-08-977-221-38	Sequence 38, Appl
12	76	100.0	979	5	PCT-US95-06613-38	Sequence 38, Appl
13	71	93.4	861	1	US-08-346-455B-67	Sequence 67, Appl
14	71	93.4	861	3	US-08-977-221-67	Sequence 67, Appl
15	71	93.4	861	5	PCT-US95-06613-67	Sequence 67, Appl
16	69	90.8	873	3	US-09-187-331-6	Sequence 6, Appl
17	69	90.8	925	2	US-08-392-946-1	Sequence 1, Appl
18	69	90.8	925	2	US-08-504-169-1	Sequence 1, Appl
19	69	90.8	925	5	PCT-US94-14893-1	Sequence 1, Appl
20	40	52.6	203	2	US-08-684-024-8	Sequence 8, Appl
21	40	52.6	203	3	US-09-145-868-8	Sequence 8, Appl
22	40	52.6	205	2	US-08-684-024-1	Sequence 1, Appl
23	40	52.6	205	2	US-08-684-024-6	Sequence 6, Appl
24	40	52.6	205	2	US-08-684-024-7	Sequence 7, Appl
25	40	52.6	205	3	US-09-145-868-1	Sequence 1, Appl
26	40	52.6	205	3	US-09-145-868-6	Sequence 6, Appl
27	40	52.6	205	3	US-09-145-868-7	Sequence 7, Appl

RESULT 1
US-08-346-455B-36
; Sequence 36, Application US/08346455B
; Patent No. 5731167
; GENERAL INFORMATION:
; APPLICANT: UNITED STATES OF AMERICA; DEPT.
; OF HEALTH AND HUMAN SERVICES
; TITLE OF INVENTION: MOTILITY STIMULATING
; PROTEIN USEFUL IN CANCER DIAGNOSIS AND
; THERAPY
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: U.S.A.
; ZIP: 10154

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,455B
FILING DATE: 28-NOV-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06613
FILING DATE: 24-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,182
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/822,043-
FILING DATE: 17-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36,434
REFERENCE/DOCKET NUMBER: 2026-4149PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 36;
SEQUENCE CHARACTERISTICS:

LENGTH: 788
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 MOLECULE TYPE: protein
 HYPOTHETICAL: No
 ORIGINAL SOURCE:
 ORGANISM: Human
 STRAIN:
 INDIVIDUAL ISOLATE:
 DEVELOPMENTAL STAGE:
 HAPLOTYPE:
 TISSUE TYPE: teratocarcinoma
 CELL TYPE: N-tera 2D1
 ORGANELLE:
 FEATURE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION: N-tera 2D1 putative
 OTHER INFORMATION: ATX protein sequence
 US-08-346-455B-36

Query Match 100.0%; Score 76; DB 1; Length 788;
 Best Local Similarity 100.0%; Pred. No. 0.00013; Mismatches 0; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 2
 US-08-977-221-36

Db 126 YMRPVYPTKTFPN 138

Sequence 36, Application US/08977221

Patent No. 6084069

GENERAL INFORMATION:

APPLICANT: UNITED STATES OF AMERICA; DEPT.
 APPLICANT: OF HEALTH AND HUMAN SERVICES
 TITLE OF INVENTION: MOTILITY STIMULATING

TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND

TITLE OF INVENTION: THERAPY

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN

STREET: 345 PARK AVENUE

CITY: NEW YORK

COUNTRY: U.S.A.

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/977,221

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/346,455

FILING DATE: 28-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/822,043

FILING DATE: 17-JAN-1992

PRIOR APPLICATION INFORMATION:

NAME: DOROTHY R. AUTH

REGISTRATION NUMBER: 36,434

REFERENCE/DOCKET NUMBER: 2026-4149US3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849
 INFORMATION FOR SEQ ID NO: 36:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 788
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 INDIVIDUAL ISOLATE:
 MOLECULE TYPE: protein
 HYPOTHETICAL: No
 ORIGINAL SOURCE:
 ORGANISM: Human
 STRAIN:
 INDIVIDUAL ISOLATE:
 DEVELOPMENTAL STAGE:
 HAPLOTYPE:
 HAPLOTYPE:
 TISSUE TYPE:
 CELL TYPE: teratocarcinoma
 CELL LINE: N-tera 2D1
 ORGANELLE:
 FEATURE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION: N-tera 2D1 putative
 OTHER INFORMATION: ATX protein sequence
 US-08-977-221-36

NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION: N-tera 2D1 putative
 OTHER INFORMATION: ATX protein sequence
 US-08-977-221-36

Query Match 100.0%; Score 76; DB 3; Length 788;
 Best Local Similarity 100.0%; Pred. No. 0.00013; Mismatches 0; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YMRPVYPTKTFPN 13
 Db 126 YMRPVYPTKTFPN 138

Qy 1 YMRPVYPTKTFPN 13
 Db 126 YMRPVYPTKTFPN 138

RESULT 3
 PCT-US95-06613-36
 Sequence 36, Application PC/TUSS9506613
 GENERAL INFORMATION:
 APPLICANT: STRACKE, MARY; LIOTTA, LANCE;
 APPLICANT: SCHIFFMANN, ELLIOTT; KRUTZSCH,
 APPLICANT: HENRY; MURATA, JUN
 TITLE OF INVENTION: MOTILITY STIMULATING
 PROTEIN USEFUL IN CANCER DIAGNOSIS AND
 THERAPY
 NUMBER OF SEQUENCES: 69
 TITLE OF INVENTION: THERAPY
 NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & FINNEGAN
 STREET: 345 PARK AVENUE
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: U.S.A.
 ZIP: 10154
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/977,221
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/346,455
 FILING DATE: 28-NOV-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/822,043
 FILING DATE: 17-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36,434

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/822, 043
 FILING DATE: 17-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36, 434
 REFERENCE/DOCKET NUMBER: 2026-4149US2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849
 INFORMATION FOR SEQ ID NO: 36:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 788
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 MOLECULE TYPE: protein
 HYPOTHETICAL: No
 ORIGINAL SOURCE:
 ORGANISM: Human
 STRAIN:
 INDIVIDUAL ISOLATE:
 DEVELOPMENTAL STAGE:
 HAPLOTYPE:
 TISSUE TYPE:
 CELL TYPE: teratocarcinoma
 CELL LINE: N-tera 2D1
 ORGANELLE:
 FEATURE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION: N-tera 2D1 putative
 OTHER INFORMATION: ATX protein sequence
 PCT-US95-06613-36

Query Match 100.0%; Score 76; DB 5; Length 788;
 Best Local Similarity 100.0%; Pred. No. 0.00013;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 4
 US-08-346-455B-34
 ; Sequence 34, Application US/08346455B
 ; Patent No. 5731167
 ; GENERAL INFORMATION:
 ; APPLICANT: UNITED STATES OF AMERICA; DEPT.
 ; APPLICANT: OF HEALTH AND HUMAN SERVICES
 ; TITLE OF INVENTION: MOTILITY STIMULATING
 ; TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
 ; TITLE OF INVENTION: THERAPY
 ; NUMBER OF SEQUENCES: 69
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MORGAN & FINNEGAN
 ; STREET: 345 PARK AVENUE
 ; CITY: NEW YORK
 ; STATE: NEW YORK
 ; COUNTRY: U.S.A.
 ; ZIP: 10154
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy Disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WordPerfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/346,455B
 ; FILING DATE: 28-NOV-1994
 ; CLASSIFICATION: 530

Query Match 100.0%; Score 76; DB 1; Length 829;
 Best Local Similarity 100.0%; Pred. No. 0.00013;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 5
 US-08-977-221-34
 ; Sequence 34, Application US/08977221
 ; Patent No. 6084069
 ; GENERAL INFORMATION:
 ; APPLICANT: UNITED STATES OF AMERICA; DEPT.
 ; APPLICANT: OF HEALTH AND HUMAN SERVICES
 ; TITLE OF INVENTION: MOTILITY STIMULATING
 ; TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
 ; TITLE OF INVENTION: THERAPY
 ; NUMBER OF SEQUENCES: 69
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MORGAN & FINNEGAN
 ; STREET: 345 PARK AVENUE
 ; CITY: NEW YORK
 ; STATE: NEW YORK
 ; COUNTRY: NEW YORK
 ; ZIP: 10154
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy Disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WordPerfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/346,455B
 ; FILING DATE: 28-NOV-1994
 ; CLASSIFICATION: 530

CORRESPONDENCE ADDRESS:
 STREET: 345 PARK AVENUE
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: U.S.A.
 ZIP: 10154
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/346,455B
 FILING DATE: 28-NOV-1994
 CLASSIFICATION: 530

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/977,221
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/346,455
 FILING DATE: 28-NOV-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/822,043
 FILING DATE: 17-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36,434
 REFERENCE/DOCKET NUMBER: 2026-4149US3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849
 INFORMATION FOR SEQ ID NO: 34:
 LENGTH: 829
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 MOLECULE TYPE: protein
 HYPOTHETICAL: No
 ORIGINAL SOURCE:
 ORGANISM: Human
 STRAIN:
 INDIVIDUAL ISOLATE:
 DEVELOPMENTAL STAGE:
 HAPLOTYPE:
 LOCATION:
 INDIVIDUAL ISOLATE:
 DEVELOPMENTAL STAGE:
 HAPLOTYPE:
 TISSUE TYPE:
 CELL TYPE: Melanoma
 CELL LINE: A2058
 ORGANELLE:
 FEATURE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION: Putative protein
 OTHER INFORMATION: sequence of A2058 Autotaxin
 US-08-977-221-34

Query Match 100.0%; Score 76; DB 3; Length 829;
 Best Local Similarity 100.0%; Pred. No. 0.00013;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 US-08-977-221-34

Query Match 100.0%; Score 76; DB 5; Length 829;
 Best Local Similarity 100.0%; Pred. No. 0.00013;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 6
 PCT-US95-06613-34
 ; Sequence 34, Application PC/TUSS9506613
 ; GENERAL INFORMATION:
 ; APPLICANT: STRACKE, MARY; LIOTTA, LANCE;
 ; APPLICANT: SCHIFFMANN, ELLIOTT; KRUTZSCH,
 ; APPLICANT: HENRY; MURATA, JUN
 ; TITLE OF INVENTION: MOTILITY STIMULATING
 ; TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
 ; NUMBER OF SEQUENCES: 69
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MORGAN & FINNEGAN
 ; STREET: 345 PARK AVENUE
 ; CITY: NEW YORK

STATE: NEW YORK
 COUNTRY: U.S.A.
 ZIP: 10154
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/06613
 FILING DATE: 24-MAY-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/346,455
 FILING DATE: 28-NOV-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/822,043
 FILING DATE: 17-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36,434
 REFERENCE/DOCKET NUMBER: 2026-4149US3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849
 INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 829
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 MOLECULE TYPE: protein
 HYPOTHETICAL: No
 ORIGINAL SOURCE:
 ORGANISM: Human
 STRAIN:
 INDIVIDUAL ISOLATE:
 DEVELOPMENTAL STAGE:
 HAPLOTYPE:
 TISSUE TYPE:
 CELL TYPE: Melanoma
 CELL LINE: A2058
 ORGANELLE:
 FEATURE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION: Putative protein
 OTHER INFORMATION: sequence of A2058 Autotaxin
 PCT-US95-06613-34

Query Match 100.0%; Score 76; DB 5; Length 829;
 Best Local Similarity 100.0%; Pred. No. 0.00013;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 7
 US-08-346-455B-69
 ; Sequence 69, Application US/08346455B
 ; Patent No. 5731167
 ; GENERAL INFORMATION:
 ; APPLICANT: UNITED STATES OF AMERICA; DEPT.
 ; APPLICANT: OF HEALTH AND HUMAN SERVICES
 ; TITLE OF INVENTION: MOTILITY STIMULATING
 ; TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
 ; NUMBER OF SEQUENCES: 69
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MORGAN & FINNEGAN
 ; STREET: 345 PARK AVENUE
 ; CITY: NEW YORK

TITLE OF INVENTION: THERAPY
 NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & FINNEGAN
 STREET: 345 PARK AVENUE
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: U.S.A.
 ZIP: 10154

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/346,455B
 FILING DATE: 28-NOV-1994

CLASSIFICATION: 530

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/06613
 FILING DATE: 24-MAY-1995

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/822,043
 FILING DATE: 17-JAN-1992

ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36,434
 REFERENCE/DOCKET NUMBER: 2026-4149PCT

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 69:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 915
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 MOLECULE TYPE: CDNA
 HYPOTHETICAL: No
 FEATURE:
 NAME/KEY: A2058 ATX protein
 LOCATION:

IDENTIFICATION METHOD:
 OTHER INFORMATION:
 US-08-346-455B-69

LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION:
 US-08-977-221-69

Query Match 100.0%; Score 76; DB 3; Length 915;
 Best Local Similarity 100.0%; Pred. No. 0.00015;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 8
 US-08-977-221-69
 General Information:
 Patent No. 6084069

APPLICANT: UNITED STATES OF AMERICA; DEPT. OF HEALTH AND HUMAN SERVICES
 TITLE OF INVENTION: MOTILITY STIMULATING PROTEIN USEFUL IN CANCER DIAGNOSIS AND THERAPY

APPLICANT: MORGAN & FINNEGAN
 TITLE OF INVENTION: MOTILITY STIMULATING PROTEIN USEFUL IN CANCER DIAGNOSIS AND THERAPY

NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & FINNEGAN
 STREET: 345 PARK AVENUE

CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: U.S.A.
 ZIP: 10154

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/977,221
 FILING DATE:

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/346,455
 FILING DATE: 28-NOV-1994

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/822,043
 FILING DATE: 17-JAN-1992

ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36,434
 REFERENCE/DOCKET NUMBER: 2026-4149US3

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 69:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 915
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 MOLECULE TYPE: CDNA
 HYPOTHETICAL: No
 FEATURE:
 NAME/KEY: A2058 ATX protein
 LOCATION:

IDENTIFICATION METHOD:
 OTHER INFORMATION:
 US-08-977-221-69

Query Match 100.0%; Score 76; DB 3; Length 915;
 Best Local Similarity 100.0%; Pred. No. 0.00015;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 9
 PCT-US95-06613-69
 Sequence 69, Application PC/TUS9506613
 General Information:
 APPLICANT: STRACKE, MARY; LIOTTA, LANCE;
 APPLICANT: SCHIFFMANN, ELLIOTT; KRUTZSCH,
 APPLICANT: HENRY; MURATA, JUN
 TITLE OF INVENTION: MOTILITY STIMULATING PROTEIN USEFUL IN CANCER DIAGNOSIS AND THERAPY
 NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & FINNEGAN
 STREET: 345 PARK AVENUE
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: U.S.A.
 ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/06613
 FILING DATE: 24-MAY-1995
 CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/346,455
 FILING DATE: 28-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/822,043
 FILING DATE: 17-JAN-1992

ATTORNEY/AGENT INFORMATION:

NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36,434
 REFERENCE/DOCKET NUMBER: 2026-4149PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 69:

SEQUENCE CHARACTERISTICS:

LENGTH: 915

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: Unknown

MOLECULE TYPE: cDNA

HYPOTHETICAL: No

FEATURE:

NAME/KEY: A2058 ATX protein

LOCATION:

IDENTIFICATION METHOD:

OTHER INFORMATION:

PCT-US95-06613-69

Query Match 100.0%; Score 76; DB 5; Length 915;
 Best Local Similarity 100.0%; Pred. No. 0.00015;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 10

US-08-346-455B-38

; Sequence 38, Application US/08346455B

; Patent No. 5731167

GENERAL INFORMATION:

APPLICANT: UNITED STATES OF AMERICA; DEPT.

OF HEALTH AND HUMAN SERVICES

TITLE OF INVENTION: MOTILITY STIMULATING

PROTEIN USEFUL IN CANCER DIAGNOSIS AND

THERAPY

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: U.S.A.

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/346,455B

FILING DATE: 28-NOV-1994

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/06613

FILING DATE: 24-MAY-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/249,182

FILING DATE: 25-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/822,043

FILING DATE: 17-JAN-1992

ATTORNEY/AGENT INFORMATION:

NAME: DOROTHY R. AUTH

REGISTRATION NUMBER: 36,434

REFERENCE/DOCKET NUMBER: 2026-4149PCT

TELEPHONE: (212) 758-4800

TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 38:

SEQUENCE CHARACTERISTICS:

LENGTH: 979

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: Unknown

MOLECULE TYPE: protein

HYPOTHETICAL: No

ORIGINAL SOURCE:

ORGANISM: Human

STRAIN:

INDIVIDUAL ISOLATE:

DEVELOPMENTAL STAGE:

HAPLOTYPE:

TISSUE TYPE: Liver

CELL TYPE:

CELL LINE:

ORGANELLE:

FEATURE:

NAME/KEY:

LOCATION:

IDENTIFICATION METHOD:

OTHER INFORMATION: putative autotaxin

OTHER INFORMATION: protein sequence from human liver

US-08-346-455B-38

Query Match 100.0%; Score 76; DB 1; Length 979;

Best Local Similarity 100.0%; Pred. No. 0.00016;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db

1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

201 YMRPVYPTKTFPN 213

QY 1 YMRPVYPTKTFPN 13

1 YMRPVYPTKTFPN 1

1 YMRPVYPTKTFPN 213

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/977,221
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/346,455
 FILING DATE: 28-NOV-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/822,043
 FILING DATE: 17-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36,434
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849
 INFORMATION FOR SEQ ID NO: 38:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 979
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 MOLECULE TYPE: protein
 HYPOTHETICAL: No
 ORIGINAL SOURCE: Human
 ORGANISM: Human
 STRAIN:
 INDIVIDUAL ISOLATE:
 DEVELOPMENTAL STAGE:
 HAPLOTYPE:
 TISSUE TYPE: Liver
 CELL TYPE:
 CELL LINE:
 ORGANELLE:
 FEATURE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION: putative autotaxin
 OTHER INFORMATION: protein sequence from human liver
 US-08-977-221-38

RESULT 12 PCT-US95-06613-38
 Query Match 100.0%; Score 76; DB 3; Length 979;
 Best Local Similarity 100.0%; Pred. No. 0.00016;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YMRRPVYPTKTPN 13
 Db 201 YMRRPVYPTKTPN 213

RESULT 13 US-08-346-455B-67
 Sequence 38, Application PC/TUS9506613
 GENERAL INFORMATION:
 APPLICANT: STRACKE, MARY; LIOTTA, LANCE;
 APPLICANT: SCHIFFMANN, ELLIOTT; KRUTZSCH,
 APPLICANT: HENRY; MURATA, JUN
 TITLE OF INVENTION: MOTILITY STIMULATING
 TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
 TITLE OF INVENTION: THERAPY
 NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN
 STREET: 345 PARK AVENUE
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: U.S.A.
 ZIP: 10154

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/06613
 FILING DATE: 24-MAY-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/346,455
 FILING DATE: 28-NOV-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/822,043
 FILING DATE: 17-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36,434
 REFERENCE/DOCKET NUMBER: 2026-4149US2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849
 INFORMATION FOR SEQ ID NO: 38:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 979
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 MOLECULE TYPE: protein
 HYPOTHETICAL: No
 ORIGINAL SOURCE:
 ORGANISM: Human
 STRAIN:
 INDIVIDUAL ISOLATE:
 DEVELOPMENTAL STAGE:
 HAPLOTYPE:
 TISSUE TYPE: Liver
 CELL TYPE:
 CELL LINE:
 ORGANELLE:
 FEATURE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION: putative autotaxin
 OTHER INFORMATION: protein sequence from human liver
 US-08-977-221-38

Query Match 100.0%; Score 76; DB 5; Length 979;
 Best Local Similarity 100.0%; Pred. No. 0.00016;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YMRRPVYPTKTPN 13
 Db 201 YMRRPVYPTKTPN 213

RESULT 13 US-08-346-455B-67
 Sequence 67, Application US/08346455B
 ; Patent No. 5731167
 ; GENERAL INFORMATION:
 ; APPLICANT: UNITED STATES OF AMERICA; DEPT.

APPLICANT: OF HEALTH AND HUMAN SERVICES
 TITLE OF INVENTION: MOTILITY STIMULATING
 TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
 NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & FINNEGAN
 STREET: 345 PARK AVENUE
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: U.S.A.
 ZIP: 10154

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/977,221
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/346,455
 FILING DATE: 28-NOV-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/06613
 FILING DATE: 24-MAY-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 07/822,043
 FILING DATE: 17-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36,434
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849
 INFORMATION FOR SEQ ID NO: 67:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 861
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 FEATURE:
 NAME/KEY: N-tera 2D1 ATX protein
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION:
 NAME/KEY: N-tera 2D1 ATX protein
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION:
 US-08-346-455B-67

Query Match 93.4%; Score 71; DB 1; Length 861;
 Best Local Similarity 92.3%; Pred. No. 0.00088;
 Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

RESULT 14
 US-08-977-221-67
 Sequence 67, Application US/08977221
 Patent No. 6084069
 GENERAL INFORMATION:
 APPLICANT: UNITED STATES OF AMERICA; DEPT.
 APPLICANT: OF HEALTH AND HUMAN SERVICES
 TITLE OF INVENTION: MOTILITY STIMULATING
 TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
 NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & FINNEGAN
 STREET: 345 PARK AVENUE
 CITY: NEW YORK
 STATE: NEW YORK
 COUNTRY: U.S.A.
 ZIP: 10154

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/977,221
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/346,455
 FILING DATE: 28-NOV-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 07/822,043
 FILING DATE: 17-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36,434
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849
 INFORMATION FOR SEQ ID NO: 67:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 861
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 FEATURE:
 NAME/KEY: N-tera 2D1 ATX protein
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION:
 US-08-977-221-67

Query Match 93.4%; Score 71; DB 3; Length 861;
 Best Local Similarity 92.3%; Pred. No. 0.00088;
 Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

RESULT 15
 PCT-US95-06613-67
 Sequence 67, Application PC/TUS9506613
 GENERAL INFORMATION:
 APPLICANT: SCHIFFMANN, ELLIOTT; KRUTZSCH,
 APPLICANT: HENRY; MURATA, JUN
 TITLE OF INVENTION: MOTILITY STIMULATING
 TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
 NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORGAN & FINNEGAN
 STREET: 345 PARK AVENUE
 CITY: NEW YORK
 STATE: NEW YORK

COUNTRY: U.S.A.
 ZIP: 10154
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WordPerfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/06613
 FILING DATE: 24-MAY-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/346,455
 FILING DATE: 28-NOV-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/249,182
 FILING DATE: 25-MAY-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/822,043
 FILING DATE: 17-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: DOROTHY R. AUTH
 REGISTRATION NUMBER: 36,434
 REFERENCE/DOCKET NUMBER: 2026-4149US2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 758-4800
 TELEFAX: (212) 751-6849
 INFORMATION FOR SEQ ID NO: 67:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 861
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Unknown
 MOLECULE TYPE: protein
 HYPOTHETICAL: No
 FEATURE:
 NAME/KEY: N-tera 2D1 ATX protein
 LOCATION:
 IDENTIFICATION METHOD:
 OTHER INFORMATION:
 PCT-US95-06613-67

Query Match 93.4%; Score 71; DB 5; Length 861;
 Best Local Similarity 92.3%; Pred. No. 0.00088;
 Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YMRPVYPTKTFPN 13
 Db 201 HMRPVYPTKTFPN 213

RESULT 16
 US-09-187-331-6
 Sequence 6, Application US/09187331
 Patent No. 6043056
 GENERAL INFORMATION:
 APPLICANT: Yue, Henry
 APPLICANT: Corley, Neil C.
 APPLICANT: Guegler, Karl J.
 APPLICANT: Gorgone, Gina A.
 APPLICANT: Baughn, Mariah R.
 TITLE OF INVENTION: CELL SURFACE GLYCOPROTEINS
 FILE REFERENCE: PF-0631 US
 CURRENT APPLICATION NUMBER: US/09/187,331
 CURRENT FILING DATE: 1998-11-06
 NUMBER OF SEQ ID NOS: 6
 SOFTWARE: PERL Program
 SEQ ID NO 6
 LENGTH: 873
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:

Query Match 90.8%; Score 69; DB 2; Length 925;
 Best Local Similarity 100.0%; Pred. No. 0.002;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 MRPVYPTKTFPN 13
 Db 248 MRPVYPTKTFPN 259

RESULT 18
 US-08-504-169-1

; OTHER INFORMATION: 9189650
 US-09-187-331-6

Query Match 90.8%; Score 69; DB 3; Length 873;
 Best Local Similarity 100.0%; Pred. No. 0.0019;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 MRPVYPTKTFPN 13
 Db 196 MRPVYPTKTFPN 207

RESULT 17
 US-08-392-946-1
 Sequence 1, Application US/08392946
 Patent No. 5939269

GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: The Regents of the University of California
 APPLICANT: Goldfine, Ira D.
 APPLICANT: Grupe, Andrew
 APPLICANT: Maddux, Betty A.
 APPLICANT: Spencer, Steven
 APPLICANT: Stewart, Timothy A.
 TITLE OF INVENTION: Antagonists to Insulin Receptor Tyrosine
 TITLE OF INVENTION: Kinase Inhibitor
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 1 DNA Way
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/392,946
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/182241
 FILING DATE: 14-JAN-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Kubinec, Jeffrey S.
 REGISTRATION NUMBER: 36,575
 REFERENCE/DOCKET NUMBER: P0875P1PCT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650/225-8228
 TELEFAX: 650/952-9881
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 925 amino acids
 TYPE: Amino Acid
 TOPOLOGY: Linear
 US-08-392-946-1

TELEFAX: (212) 391-0526
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 203 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-684-024-8

Query Match 52.6%; Score 40; DB 2; Length 203;
 Best Local Similarity 54.5%; Pred. No. 18;
 Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
 QY 1 YMRRPVYPTKTF 11
 Db 32 YQRGIYPSETF 42

RESULT 21
 US-09-145-868-8

Sequence 8, Application US/09145868

Patent No. 6096522

GENERAL INFORMATION:

APPLICANT: Benezra, Robert
 TITLE OF INVENTION: GENE ENCODING THE HUMAN HOMOLOG OF MAD2
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Cooper & Dunham LLP
 STREET: 1185 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/145, 868

FILING DATE: 02-SEP-1998

CLASSIFICATION:

NAME: White, John P.

REGISTRATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 1747/46621-A

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 278-0400

TELEFAX: (212) 391-0526

SEQUENCE CHARACTERISTICS:

LENGTH: 203 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-145-868-8

Patent No. 5834298
 GENERAL INFORMATION:
 APPLICANT: Benezra, Robert
 TITLE OF INVENTION: GENE ENCODING THE HUMAN HOMOLOG OF MAD2
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Cooper & Dunham LLP
 STREET: 1185 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/684, 024

FILING DATE: 19-JUL-1996

CLASSIFICATION: 435

NAME: White, John P.

REGISTRATION NUMBER: 28,678

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 278-0400

TELEFAX: (212) 391-0526

SEQUENCE CHARACTERISTICS:

LENGTH: 205 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-684-024-1

Query Match 52.6%; Score 40; DB 2; Length 205;
 Best Local Similarity 54.5%; Pred. No. 18;
 Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 YMRRPVYPTKTF 11

Db 33 YQRGIYPSETF 43

RESULT 23

US-08-684-024-6

Sequence 6, Application US/08684024

Patent No. 5834298

GENERAL INFORMATION:

APPLICANT: Benezra, Robert
 TITLE OF INVENTION: GENE ENCODING THE HUMAN HOMOLOG OF MAD2
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham LLP

STREET: 1185 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/684, 024

FILING DATE: 19-JUL-1996

CLASSIFICATION: 435

NAME: White, John P.

Sequence 1, Application US/08684024

REGISTRATION NUMBER: 28,678
 REFERENCE/DOCKET NUMBER: 1747/46621-A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 278-0400
 TELEFAX: (212) 391-0526
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 205 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-684-024-6

Query Match 52.6%; Score 40; DB 2; Length 205;
 Best Local Similarity 54.5%; Pred. No. 18;
 Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1 YM RP VY PT KTF 11
 Db 33 Y QRG IY PSET F 43

RESULT 24
 US-08-684-024-7
 Sequence 7, Application US/08684024
 Patent No. 5834298
 GENERAL INFORMATION:
 APPLICANT: Ben Ezra, Robert
 TITLE OF INVENTION: GENE ENCODING THE HUMAN HOMOLOG OF MAD2
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Cooper & Dunham LLP
 STREET: 1185 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/684,024
 FILING DATE: 19-JUL-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: White, John P.
 REGISTRATION NUMBER: 28,678
 REFERENCE/DOCKET NUMBER: 1747/46621-B

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 278-0400
 TELEFAX: (212) 391-0526
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 205 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-145-868-1

RESULT 25
 US-09-145-868-1
 Sequence 1, Application US/09145868
 Patent No. 6096522
 GENERAL INFORMATION:
 APPLICANT: Ben Ezra, Robert
 TITLE OF INVENTION: GENE ENCODING THE HUMAN HOMOLOG OF MAD2
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Cooper & Dunham LLP
 STREET: 1185 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/145,868
 FILING DATE: 02-SEP-1998

CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: White, John P.
 REGISTRATION NUMBER: 28,678
 REFERENCE/DOCKET NUMBER: 1747/46621-B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 278-0400
 TELEFAX: (212) 391-0526
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 205 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-145-868-6

Query Match 52.6%; Score 40; DB 3; Length 205;
 Best Local Similarity 54.5%; Pred. No. 18;
 Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1 YMRRPVYPTKTF 11
 Db 33 YQRGYIYPSETF 43

RESULT 27
 US-09-145-868-7
 Sequence 7, Application US/09145868
 ; Patent No. 6096522 .
 GENERAL INFORMATION:
 APPLICANT: Ben Ezra, Robert
 TITLE OF INVENTION: GENE ENCODING THE HUMAN HOMOLOG OF MAD2
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Cooper & Dunham LLP
 STREET: 1185 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/145,868
 FILING DATE: 02-SEP-1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: White, John P.
 REGISTRATION NUMBER: 28,678
 REFERENCE/DOCKET NUMBER: 1747/46621-B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 278-0400
 TELEFAX: (212) 391-0526
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 205 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-145-868-7

Query Match 52.6%; Score 40; DB 3; Length 205;
 Best Local Similarity 54.5%; Pred. No. 18;
 Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1 YMRRPVYPTKTF 11
 | | :| :||

Db 33 YQRGYIYPSETF 43
 ; Sequence 6, Application US/07865166A
 ; Patent No. 5294543 .
 GENERAL INFORMATION:
 APPLICANT: Lerner, Ethan A.
 APPLICANT: Lerner, Michael R.
 TITLE OF INVENTION: NOVEL INHIBITOR OF PLATELET
 TITLE OF INVENTION: AGGREGATION
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110-2804

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM PS/2 Model 50Z or 55SX
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
 SOFTWARE: WordPerfect (Version 5.0)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/865,166A
 FILING DATE: 19920408
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Clark, Paul T.
 REGISTRATION NUMBER: 30,162
 REFERENCE/DOCKET NUMBER: 00786/120001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906

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; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 49
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: linear
; US-07-865-166A-6

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Query Match          48.7%; Score 37; DB 1; Length 49;
Best Local Similarity 40.0%; Pred. No. 12;
Matches 10; Conservative 0; Mismatches 3; Indels 12; Gaps 1;

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Qy	1 YMRPVYPT-----KTFPN 13
Db	10 YNRPVYKTGSSPAEKCIKKDKTFKN 34

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RESULT 30
US-08-207-481-20
; Sequence 20, Application US/08207481
; Patent No. 5820866
; GENERAL INFORMATION:
; APPLICANT: Kappler, John W.
; Marrack, Philippa
; TITLE OF INVENTION: PRODUCT AND PROCESS FOR T CELL
; TITLE OF INVENTION: REGULATION
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SHERIDAN ROSS & MCINTOSH
; STREET: 1700 LINCOLN STREET, SUITE 3500
; CITY: DENVER
; STATE: COLORADO
; COUNTRY: USA
; ZIP: 80202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/207,481
; FILING DATE: 04-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kovarik, Joseph E.
; REGISTRATION NUMBER: 33,005
; REFERENCE/DOCKET NUMBER: 2879-8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303/863-9700
; TELEFAX: 303/863-0223
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 254 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-207-481-20

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Query Match          48.7%; Score 37; DB 2; Length 254;
Best Local Similarity 87.5%; Pred. No. 70;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy	5 VYPTKTFP 12
Db	157 VYPTKTFP 164

GenCore version 4.5
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OM protein - Protein search, using sw model

Run on: January 31, 2002, 14:57:25 ; Search time 12.53 Seconds
 (without alignments)
 23.347 Million cell updates/sec

Title: US-09-483-831B-69_COPY_201_213
 Perfect score: 76 YMRPVYPTKTFPN 13
 Sequence: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:
 Scoring table: BLOSUM62
 Gapext 0.5
 Scoring table: Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 79885

Minimum DB seq length: 0
 Maximum DB seq length: 13

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 50 summaries

Database : Issued_Patents_AA:
 1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:
 2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:
 3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:
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 5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:
 6: /cgn2_6/ptodata/2/iaa/backfile1.pep:
 .

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	27	35.5	10	6	5202236-16	Patent No. 5202236
2	27	35.5	12	4	US-08-847-065-9	Sequence 9, Appli
3	26	34.2	10	4	US-08-602-999A-273	Sequence 273, App
4	26	34.2	11	4	US-08-602-999A-283	Sequence 283, App
5	25	32.9	8	3	US-08-890-129-3	Sequence 3, Appli
6	25	32.9	9	1	US-08-122-546-2	Sequence 2, Appli
7	25	32.9	9	2	US-08-764-938-2	Sequence 2, Appli
8	25	32.9	9	3	US-09-131-052-2	Sequence 2, Appli
9	25	32.9	9	4	US-09-131-053A-2	Sequence 2, Appli
10	25	32.9	12	1	US-08-122-546-3	Sequence 3, Appli
11	25	32.9	12	2	US-08-764-938-3	Sequence 3, Appli
12	25	32.9	12	3	US-09-131-052-3	Sequence 3, Appli
13	25	32.9	12	4	US-09-131-053A-3	Sequence 3, Appli
14	25	32.9	12	5	PCT-US93-11703-60	Sequence 60, Appli
15	24	31.6	8	3	US-08-718-905-8	Sequence 8, Appli
16	24	31.6	8	4	US-09-550-497-8	Sequence 8, Appli
17	24	31.6	9	1	US-08-178-570-36	Sequence 36, Appli
18	24	31.6	9	2	US-08-340-283-81	Sequence 81, Appli
19	24	31.6	9	3	US-08-369-643-36	Sequence 36, Appli
20	24	31.6	9	5	PCT-US95-0147-36	Sequence 36, Appli
21	24	31.6	10	1	US-08-230-047-11	Sequence 11, Appli
22	24	31.6	11	1	US-08-336-343A-26	Sequence 26, Appli
23	24	31.6	11	3	US-09-075-257A-5	Sequence 5, Appli
24	24	31.6	11	4	US-08-652-877-23	Sequence 23, Appli
25	24	31.6	11	4	US-08-476-515A-23	Sequence 23, Appli
26	24	31.6	11	4	US-09-534-639-5	Sequence 5, Appli
27	24	31.6	12	1	US-08-219-878A-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
 5202236-16
 ; Patent No. 5202236
 ; APPLICANT: MAUGH, KATHY J.; ANDERSON, DAVID M.; STRAUSBERG, SUSAN L.; MCCANDLISS, RUSS; WEI, TENA; FILPULA, DAVID
 ; TITLE OF INVENTION: METHOD OF PRODUCING BIOADHESIVE PROTEIN
 ; NUMBER OF SEQUENCES: 39
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US-07/528,762
 ; FILING DATE: 25-MAY-1990
 ; APPLICATION NUMBER: 82,456
 ; FILING DATE: 07-AUG-1987
 ; APPLICATION NUMBER: 933,945
 ; FILING DATE: 24-NOV-1986
 ; APPLICATION NUMBER: 650,128
 ; FILING DATE: 13-SEP-1984
 ; SEQ ID NO:16:
 ; LENGTH: 10
 5202236-16
 .

Query Match 35.5%; Score 27; DB 6; Length 10;
 Best Local Similarity 57.1%; Pred. No. 90;
 Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 7 PTKTFPN 13
 Db 1 PKKTPYS 7

GENERAL INFORMATION:
 ; APPLICANT: Masure, H. Robert
 ; APPLICANT: Rosenow, Carsten I.
 ; APPLICANT: Tuomanen, Elaine
 ; APPLICANT: Wizemann, Theresa M.
 ; TITLE OF INVENTION: CHOLINE BINDING PROTEINS FOR
 ; TITLE OF INVENTION: ANTI-PNEUMOCOCCAL VACCINES
 ; NUMBER OF SEQUENCES: 25
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: David A. Jackson, Esq.

STREET: 411 Hackensack Ave, Continental Plaza, 4th
 STREET: Flcor
 CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/847,065
 FILING DATE:
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-158 ..
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-487-5800
 TELEFAX: 201-343-1684

INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 12 amino acids

TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 DESCRIPTION: CBP112-Int1
 HYPOTHETICAL: NO
 ANTI-SENSE: NO

US-08-847-065-9

Query Match 35.5%; Score 27; DB 4; Length 12;

Best Local Similarity 66.7%; Pred. No. 1.1e+02;
 Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 6 YPTKTF 11.
 Db 6 YPTNTY 11.

RESULT 3
 US-08-602-999A-273
 Sequence 273, Application US/08602999A
 ; Patent No. 6184205

GENERAL INFORMATION:
 ; APPLICANT: SPARKS, Andrew B.

; APPLICANT: KAY, Brian K.
 ; APPLICANT: THORN, Judith M.
 ; APPLICANT: QUILLIAM, Lawrence A.
 ; APPLICANT: DER, Channing J.
 ; APPLICANT: FOWLKES, Dana M.
 ; APPLICANT: RIDER, James E.

TITLE OF INVENTION: SH3 BINDING PEPTIDES AND METHODS OF
 TITLE OF INVENTION: ISOLATING AND USING SAME
 NUMBER OF SEQUENCES: 467

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036-2711

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/602,999A
 FILING DATE: 16-FEB-1996
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: Misrock, S. Leslie
 REGISTRATION NUMBER: 18,872

REFERENCE/DOCKET NUMBER: 1101-202

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEFAX: (212) 869-9741/8864

FILING DATE: 16-FEB-1996

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Misrock, S. Leslie

REGISTRATION NUMBER: 18,872

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-9741/8864

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 273:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: peptide

US-08-602-999A-273

Query Match 34.2%; Score 26; DB 4; Length 10;
 Best Local Similarity 71.4%; Pred. No. 1.3e+02;
 Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 PVYPTKT 10
 | |||||
 Db 3 PELPTKT 9

RESULT 4
 US-08-602-999A-283
 Sequence 283, Application US/08602999A
 ; Patent No. 6184205

GENERAL INFORMATION:

APPLICANT: SPARKS, Andrew B.

APPLICANT: KAY, Brian K.

APPLICANT: THORN, Judith M.

APPLICANT: QUILLIAM, Lawrence A.

APPLICANT: DER, Channing J.

APPLICANT: FOWLKES, Dana M.

APPLICANT: RIDER, James E.

TITLE OF INVENTION: SH3 BINDING PEPTIDES AND METHODS OF
 TITLE OF INVENTION: ISOLATING AND USING SAME
 NUMBER OF SEQUENCES: 467

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036-2711

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/602,999A

FILING DATE: 16-FEB-1996

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Misrock, S. Leslie

REGISTRATION NUMBER: 18,872

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-9741/8864

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 283:

SEQUENCE CHARACTERISTICS:

LENGTH: 11 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: peptide

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/602,999A

US-08-602-999A-283

Query Match 34.2%; Score 26; DB 4; Length 11;
 Best Local Similarity 71.4%; Pred. No. 1.4e+02;
 Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4 PVIPTKT 10

Db 4 PEIPTKT 10

RESULT 5
 US-08-890-129-3
 Sequence 3, Application US/08890129

Patent No. 6008324

GENERAL INFORMATION:

APPLICANT: GIRBES JUAN, TOMAS
 APPLICANT: FERRERAS RODRIGUEZ, JOSE M.
 APPLICANT: IGLESIAS ALVAREZ, ROSARIO
 APPLICANT: CITOLES GONZALEZ, LUCIA
 APPLICANT: ARIAS VALLEJO, FRANCISCO J.
 APPLICANT: ROJO RODRIGUEZ, MA ANGELES
 APPLICANT: MUÑOZ MARTINEZ, RAQUEL
 APPLICANT: JIMINNEZ LOPEZ, PILAR
 APPLICANT: MARTINEZ DE BENITO, FERNANDO
 TITLE OF INVENTION: NON-TOXIC RIBOSOME INACTIVATING
 TITLE OF INVENTION: PROTEINS (RIPS) WITH TWO CHAINS,
 TITLE OF INVENTION: PROCESS FOR THE PREPARATION
 TITLE OF INVENTION: THEREOF AND APPLICATIONS
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: DARBY & DARBY P.C.
 STREET: 805 Third Avenue
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10022

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/890,129

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA: US/08/332,595

FILING DATE: 28-OCT-1994

ATTORNEY/AGENT INFORMATION:

NAME: LERCH, JOSEPH B.

REGISTRATION NUMBER: 26,936

REFERENCE/DOCKET NUMBER: 7723/0A486

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 527-7700

TELEFAX: (212) 753-6237

TELEX: 236687

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 8 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: internal

US-08-122-546-2

RESULT 7

NAME/KEY: Peptide
 LOCATION: 1..8
 OTHER INFORMATION: /product= "OTHER"
 OTHER INFORMATION: /note= "Xaa at position 3 represents any amino acid. Xaa at position 8
 OTHER INFORMATION: position 7 represents any amino acid. Xaa at position 8
 OTHER INFORMATION: represents any amino acid."
 US-08-890-129-3

Query Match 32.9%; Score 25; DB 3; Length 8;
 Best Local Similarity 80.0%; Pred. No. 1.6e+05;
 Matches 4; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Db 2 PXYPT 6

Qy 4 PVIPTKT 8

Query Match 32.9%; Score 25; DB 3; Length 8;
 Best Local Similarity 80.0%; Pred. No. 1.6e+05;
 Matches 4; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Db 2 PXYPT 6

RESULT 6
 US-08-122-546-2

; Sequence 2, Application US/08122546

; Patent No. 5591593

; GENERAL INFORMATION:

APPLICANT: Courtenay-Luck, Nigel S
 TITLE OF INVENTION: MINIMUM RECOGNITION UNIT OF PEM MUCIN
 TITLE OF INVENTION: TANDEM REPEAT SPECIFIC MONOCLONAL ANTIBODY
 NUMBER OF SEQUENCES: 18

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Jules E Goldberg, Esq.

; STREET: 261 Madison Avenue

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10016

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/122,546

; FILING DATE: 09/29/93

; CLASSIFICATION: 530

; ATTORNEY/AGENT INFORMATION:

; NAME: Goldberg, Jules E

; REGISTRATION NUMBER: 24,408

; REFERENCE/DOCKET NUMBER: JG-EPC-1069PCT

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 986-4090

; TELEFAX: (212) 818-9479

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 9 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; FRAGMENT TYPE: internal

; US-08-122-546-2

Query Match 32.9%; Score 25; DB 1; Length 9;
 Best Local Similarity 80.0%; Pred. No. 1.6e+05;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 7 PTKTF 11

; 1:1

; 3 PTRTF 7

RESULT 7

US-08-764-938-2
 Sequence 2, Application US/08764938
 Patent No. 5833943
 GENERAL INFORMATION:
 APPLICANT: Courtenay-Luck, Nigel S
 TITLE OF INVENTION: MINIMUM RECOGNITION UNIT OF PEM MUCIN
 TITLE OF INVENTION: TANDEM REPEAT SPECIFIC MONOCLONAL ANTIBODY
 NUMBER OF SEQUENCES: 18
 CURRENT APPLICATION ADDRESS:
 ADDRESSEE: Jules E Goldberg, Esq.
 STREET: 261 Madison Avenue
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10016
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/764,938
 FILING DATE: December 13, 1996
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: Goldberg, Jules E
 REFERENCE/DOCKET NUMBER: JG-EPC-1069PCT/C
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 986-4090
 TELEFAX: (212) 818-9479
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9 amino acids
 STRANDEDNESS: single
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 US-08-764-938-2

Query Match 32.9%; Score 25; DB 3; Length 9;
 Best Local Similarity 80.0%; Pred. No. 1.6e+05;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 PRKTF 11
 Db 3 PRTTF 7

RESULT 9
 US-09-131-053A-2
 ; Sequence 2, Application US/09131053A
 ; Patent No. 6174691
 ; GENERAL INFORMATION:
 ; APPLICANT: Courtenay-Luck, Nigel S
 ; TITLE OF INVENTION: MINIMUM RECOGNITION UNIT OF PEM MUCIN
 ; TITLE OF INVENTION: TANDEM REPEAT SPECIFIC MONOCLONAL ANTIBODY
 ; NUMBER OF SEQUENCES: 18
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Jules E Goldberg, Esq.
 ; STREET: 261 Madison Avenue
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: USA
 ; ZIP: 10016-2391
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/131,053A
 FILING DATE: August 7, 1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Goldberg, Jules E
 REFERENCE/DOCKET NUMBER: JG-EPC-1069C-2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 986-4090
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9 amino acids
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal

Query Match 32.9%; Score 25; DB 2; Length 9;
 Best Local Similarity 80.0%; Pred. No. 1.6e+05;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 PRKTF 11
 Db 3 PRTTF 7

RESULT 8
 US-09-131-052-2
 ; Sequence 2, Application US/09131052
 ; Patent No. 6107469
 ; GENERAL INFORMATION:
 ; APPLICANT: Courtenay-Luck, Nigel S
 ; TITLE OF INVENTION: MINIMUM RECOGNITION UNIT OF PEM MUCIN
 ; TITLE OF INVENTION: TANDEM REPEAT SPECIFIC MONOCLONAL ANTIBODY
 ; NUMBER OF SEQUENCES: 18
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Jules E Goldberg, Esq.
 ; STREET: 261 Madison Avenue
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: USA
 ; ZIP: 10016-2391
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25

REFERENCE/DOCKET NUMBER: JG-EPC-1069C-3
 TELEPHONE: (212) 986-4090
 TELEFAX: (212) 818-9479
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 12 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 US-09-131-052-3

Query Match 32.9%; Score 25; DB 3; Length 12;
 Best Local Similarity 80.0%; Pred. No. 2.3e+02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 7 PTKTF 11
 Db 4 PTRTF 8

RESULT 13
 US-09-131-053A-3
 Sequence 3, Application US/09131053A
 Patent No. 6174691
 GENERAL INFORMATION:
 APPLICANT: Courtenay-Luck, Nigel S
 TITLE OF INVENTION: MINIMUM RECOGNITION UNIT OF PEM MUCIN
 TITLE OF INVENTION: TANDEM REPEAT SPECIFIC MONOCLONAL ANTIBODY
 NUMBER OF SEQUENCES: 18
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Jules E Goldberg, Esq.
 STREET: 261 Madison Avenue
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10016-2391
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/131,053A
 FILING DATE: August 7, 1998
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Goldberg, Jules E
 REFERENCE/DOCKET NUMBER: JG-EPC-1069C-2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 986-4090
 TELEFAX: (212) 818-9479
 INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:
 LENGTH: 12 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 US-09-131-053A-3

Query Match 32.9%; Score 25; DB 4; Length 12;
 Best Local Similarity 80.0%; Pred. No. 2.3e+02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

RESULT 14
 PCT-US93-11703-60
 Sequence 60, Application PC/TUS9311703
 GENERAL INFORMATION:
 APPLICANT: Chiron Mimotopes Pty. Ltd.
 TITLE OF INVENTION: T-Cell Epitopes
 NUMBER OF SEQUENCES: 75
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Grant D. Green
 STREET: 4560 Horton St.
 CITY: Emeryville
 STATE: CA
 COUNTRY: USA
 ZIP: 94608
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30B
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/11703
 FILING DATE: 28-DEC-1993
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/984,852
 FILING DATE: 02-DEC-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Green, Grant D.
 REGISTRATION NUMBER: 31,259
 REFERENCE/DOCKET NUMBER: 0222.101
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 510-601-2706
 TELEFAX: 510-655-3542
 INFORMATION FOR SEQ ID NO: 60:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 12 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 PCT-US93-11703-60

Query Match 32.9%; Score 25; DB 5; Length 12;
 Best Local Similarity 57.1%; Pred. No. 2.3e+02;
 Matches 4; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
 QY 1 YMMPVYP 7
 Db 4 YMQHTYP 10

RESULT 15
 US-08-718-905-8
 Sequence 8, Application US/08718905
 Patent No. 6063756
 GENERAL INFORMATION:
 APPLICANT: Donovan, William P.
 APPLICANT: Donovan, Judith C.
 APPLICANT: Slaney, Annette C.
 TITLE OF INVENTION: BACILLUS THURINGIENSIS CRYET33 AND CRYET34
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Arnold, White & Durkee
 STREET: P.O. Box 4433
 CITY: Houston

Query Match 32.9%; Score 25; DB 4; Length 12;
 Best Local Similarity 80.0%; Pred. No. 2.3e+02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

STATE: Texas
 COUNTRY: United States of America
 ZIP: 77210
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/718,905
 FILING DATE: Concurrently Herewith
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Kitchell, Barbara S.
 REGISTRATION NUMBER: 33,928
 REFERENCE/DOCKET NUMBER: MOBT:003
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (512) 418-3000
 TELEFAX: (512) 474-7577
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 8 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-718-905-8

Query Match 31.6%; Score 24; DB 3; Length 8;
 Best Local Similarity 66.7%; Pred. No. 1.6e+05;
 Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

RESULT 16

US-09-550-497-8
 Sequence 8, Application US/09550497
 Patent No. 6248536

GENERAL INFORMATION:

APPLICANT: Donovan, William P.
 Donovan, Judith C.
 Slaney, Annette C.

TITLE OF INVENTION: BACILLUS THURINGIENSIS CRYET33 AND CRYET34
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee
 STREET: P.O. Box 4433
 CITY: Houston
 STATE: Texas
 COUNTRY: United States of America
 ZIP: 77210

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/550,497
 FILING DATE: 14-Apr-2000
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/718,905
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Kitchell, Barbara S.

REGISTRATION NUMBER: 33,928

REFERENCE/DOCKET NUMBER: MOBT:003
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (512) 418-3000

TELEFAX: (512) 474-7577
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 8 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 8:
 US-09-550-497-8

Query Match 31.6%; Score 24; DB 4; Length 8;
 Best Local Similarity 66.7%; Pred. No. 1.6e+05;
 Matches 4; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 YMRRPVY 6
 ||:||
 Db 1 YMKEVY 6

RESULT 17

US-08-178-570-36
 Sequence 36, Application US/08178570
 Patent No. 5532167

GENERAL INFORMATION:

APPLICANT: Lewis C. Cantley
 APPLICANT: Zhou Song Yang

TITLE OF INVENTION: Substrate Specificity of Protein Kinases
 NUMBER OF SEQUENCES: 77

CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD
 STREET: 60 STATE STREET, suite 510

CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109-1875

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII text

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/178,570
 FILING DATE: JANUARY 7, 1994
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: DeConti, Giulio A., Jr.
 REGISTRATION NUMBER: 31,503

REFERENCE/DOCKET NUMBER: BBI-004
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 227-7400
 TELEFAX: (617) 227-5941

INFORMATION FOR SEQ ID NO: 36:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9 amino acids

TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide

FRAGMENT TYPE: internal
 US-08-178-570-36

Query Match 31.6%; Score 24; DB 1; Length 9;
 Best Local Similarity 71.4%; Pred. No. 1.6e+05;
 Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 RPVYPRK 9
 ||| |
 Db 2 RPVSPGK 8

RESULT 18
 US-08-340-283-81

Sequence 81, Application US/08340283
 Patent No. 5861318
 GENERAL INFORMATION:
 APPLICANT: Elhammer, Ake P.
 TITLE OF INVENTION: A SCINTILLATION PROXIMITY ASSAY FOR NUMBER OF SEQUENCES: 205 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pharmacia and Upjohn, Inc., Intellect. Prop. Law STREET: 301 Henrietta Street CITY: Kalamazoo STATE: Michigan COUNTRY: U.S.A.
 ZIP: 49001 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/340,283 FILING DATE:
 CLASSIFICATION: 436 ATTORNEY/AGENT INFORMATION:
 NAME: Wootton, Thomas A.
 REGISTRATION NUMBER: 35,004 REFERENCE/DOCKET NUMBER: 4828 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (616) 385-7914 TELEFAX: (616) 385-6897 TELEX: 224401 INFORMATION FOR SEQ ID NO: 81:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9 amino acids TYPE: amino acid STRANDEDNESS: single TOPOLOGY: unknown MOLECULE TYPE: peptide HYPOTHETICAL: NO ANTI-SENSE: NC FRAGMENT TYPE: N-terminal US-08-340-283-81

Query Match 31.6%; Score 24; DB 2; Length 9;
 Best Local Similarity 71.4%; Pred. No. 1.6e+05;
 Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 4 PVYPTKT 10
 Db 1 PVLPRTQS 7

RESULT 19 US-08-369-643-36
 Sequence 36, Application US/08369643A
 Patent No. 6004757
 GENERAL INFORMATION:
 APPLICANT: Cantley, Lewis C.
 TITLE OF INVENTION: Substrate Specificity of Protein Kinases FILE REFERENCE: CNS-001CP
 CURRENT APPLICATION NUMBER: US/08/369,643A
 CURRENT FILING DATE: 1995-01-06
 EARLIER APPLICATION NUMBER: US 08/178,570
 EARLIER FILING DATE: 1994-01-07
 NUMBER OF SEQ ID NOS: 92
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 36
 LENGTH: 9
 TYPE: PRT
 ORGANISM: Artificial Sequence

; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:HIV Enhancer
 ; OTHER INFORMATION: Binding Protein 2
 US-08-369-643-36

Query Match 31.6%; Score 24; DB 3; Length 9;
 Best Local Similarity 71.4%; Pred. No. 1.6e+05;
 Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 RPVYPTK 9
 Db 2 RPVSPGK 8

RESULT 20 PCT-US95-00147-36
 Sequence 36, Application PC/TUS9500147
 GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: Substrate Specificity of Protein Kinases
 NUMBER OF SEQUENCES: 88
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD
 STREET: 60 STATE STREET, Suite 510.
 CITY: BOSTON
 STATE: MASSACHUSETTS
 COUNTRY: USA
 ZIP: 02109-1875
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII text
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/00147
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/178,570
 FILING DATE: JANUARY 7, 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: DeConti, Giulio A., Jr.
 REGISTRATION NUMBER: 31,503
 REFERENCE/DOCKET NUMBER: BBI-004CP/PC
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 227-7400
 TELEFAX: (617) 227-5941
 INFORMATION FOR SEQ ID NO: 36:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 FRAGMENT TYPE: internal
 PCT-US95-00147-36

Query Match 31.6%; Score 24; DB 5; Length 9;
 Best Local Similarity 71.4%; Pred. No. 1.6e+05;
 Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 RPVYPTK 9
 Db 2 RPVSPGK 8

RESULT 21 US-08-230-047-11
 Sequence 11, Application US/08230047
 Patent No. 5541109
 GENERAL INFORMATION:
 APPLICANT: Searfoss III, George H.
 APPLICANT: Ivashchenko, Yuri D.

APPLICANT: Jaye, Michael C.
 TITLE OF INVENTION: EXPRESSION CLONING OF C-SRC SH3 BINDING PROTEIN
 NUMBER OF SEQUENCES: 4 0
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Rhone-Poulenc Rorer Inc.
 STREET: 500 Arcola Road, 3C43
 CITY: Collegeville
 STATE: PA
 COUNTRY: USA
 ZIP: 19426
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: Macintosh
 OPERATING SYSTEM: System 7.1
 SOFTWARE: Word 5.0 (PatentIn)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/230,047
 FILING DATE: 19-APR-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Goodman, Rosanne
 REGISTRATION NUMBER: 32,534
 REFERENCE/DOCKET NUMBER: A1465-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (610) 454-3817
 TELEFAX: (610) 454-3808
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 10 amino acids
 TYPE: amino acid
 TOPOLogy: linear
 MOLECULE TYPE: peptide
 US-08-230-047-11

Query Match 31.6%; Score 24; DB 1; Length 10;
 Best Local Similarity 44.4%; Pred. No. 2.7e+02;
 Matches 4; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

RESULT 22
 US-08-336-343A-26
 Sequence 26, Application US/08336343A
 ; Patent No. 5677144

GENERAL INFORMATION:
 APPLICANT: Ullrich, Axel
 APPLICANT: Alves, Frauke
 TITLE OF INVENTION: CCK-2, A NO. 5677144el Receptor Tyrosine Kinase
 NUMBER OF SEQUENCES: 4 3
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036-2711

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/747,488
 FILING DATE: 08-NOV-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Coruzzi, Laura A.
 REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7683-065
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEFAX: (212) 869-9741/8864
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 26:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 11 amino acids
 TYPE: amino acid
 TOPOLogy: unknown
 MOLECULE TYPE: peptide
 US-08-336-343A-26

RESULT 23
 US-09-075-257A-5
 Sequence 5, Application US/09075257A
 ; Patent No. 6074645

GENERAL INFORMATION:
 APPLICANT: DIAMOND, DON JEFFREY
 APPLICANT: YORK, JOANNE
 TITLE OF INVENTION: IMMUNO-REACTIVE PEPTIDE CTL EPITOPES
 NUMBER OF SEQUENCES: 20
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: BART G. NEWLAND
 STREET: 555 13TH STREET, NW SUITE 701E
 CITY: WASHINGTON
 STATE: DC
 COUNTRY: USA
 ZIP: 20004

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/075,257A
 FILING DATE: 11-MAY-1998
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 09/021,298
 FILING DATE: 10-FEB-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/950,064
 FILING DATE: 14-OCT-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/747,488
 FILING DATE: 12-NOV-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: NEWLAND, BART G.
 REGISTRATION NUMBER: 31,282

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-783-6040
 TELEFAX: 202-783-6031
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 11 amino acids
 TYPE: amino acid
 STRANDEDNESS: not relevant
 TOPOLogy: peptide
 MOLECULE TYPE: peptide
 FRAGMENT TYPE: internal

Query Match 31.6%; Score 24; DB 3; Length 11;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 5 VYPTK 9
Db 2 VFPTK 6

RESULT 24
US-08-652-877-23
; Sequence 23, Application US/08652877
; Patent No. 6187548

GENERAL INFORMATION:
; APPLICANT: Akerstrom, Goran
; APPLICANT: Juhlin, Claes
; APPLICANT: Rask, Lars
; APPLICANT: Crumley, Gregg R.
; APPLICANT: Morse, Clarence C.
; APPLICANT: Hjalm, Goran
; APPLICANT: Murray, Edward M.
TITLE OF INVENTION: Human Calcium Sensor Protein, Fragments
TITLE OF INVENTION: Thereof and DNA Encoding Same
NUMBER OF SEQUENCES: 84
CORRESPONDENCE ADDRESS:
; ADDRESSEE: Martin Savitzky
; STREET: Rhone-Poulenc Rorer Inc., 500 Arcola Rd.;
; STREET: 3C43,
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426-0107

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Compaq PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 7.0 (Patentin)
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,515A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/SE94/00483
; FILING DATE: 23-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9301764-8
; FILING DATE: 24-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Savitzky, Martin
; REGISTRATION NUMBER: 29,699
; REFERENCE/DOCKET NUMBER: A1355D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-454-3816
; TELEFAX: 610-454-3808
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; FRAGMENT TYPE: internal
; US-08-476-515A-23

Query Match 31.6%; Score 24; DB 4; Length 11;
Best Local Similarity 44.4%; Pred. No. 3e+02;
Matches 4; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4 PVYPTKTFP 12
Db 1 PAYPPPVP 9

RESULT 25
US-08-476-515A-23
; Sequence 23, Application US/08476515A
; Patent No. 6239270

GENERAL INFORMATION:
; APPLICANT: Akerstrom, Goran
; APPLICANT: Juhlin, Claes
; APPLICANT: Rask, Lars
; APPLICANT: Crumley, Gregg R.
; APPLICANT: Morse, Clarence C.
; APPLICANT: Hjalm, Goran
; APPLICANT: Murray, Edward M.
TITLE OF INVENTION: Human Calcium Sensor Protein, Fragments
TITLE OF INVENTION: Thereof and DNA Encoding Same
NUMBER OF SEQUENCES: 84
CORRESPONDENCE ADDRESS:
; ADDRESSEE: Martin Savitzky
; STREET: Rhone-Poulenc Rorer Inc., 500 Arcola Rd.;
; STREET: 3C43,
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426-0107

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Compaq PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 7.0 (Patentin)
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,515A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/SE94/00483
; FILING DATE: 23-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9301764-8
; FILING DATE: 24-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Savitzky, Martin
; REGISTRATION NUMBER: 29,699
; REFERENCE/DOCKET NUMBER: A1355D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-454-3816
; TELEFAX: 610-454-3808
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; FRAGMENT TYPE: internal
; US-08-476-515A-23

Query Match 31.6%; Score 24; DB 4; Length 11;
Best Local Similarity 44.4%; Pred. No. 3e+02;
Matches 4; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4 PVYPTKTFP 12
Db 1 |||

Db * 1 PAYPPPPVP 9 ; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 3;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12
; TYPE: amino acid
; TOPOLOGY: linear
; US-08-219-878A-3

Query Match 31.6%; Score 24; DB 1; Length 12;
Best Local Similarity 40.0%; Pred. No. 3.3e+02;
Matches 4; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

Qy 1 YMRPYPTKT 10 ;
| | | | ;
Db 2 YAAPLKPAKS 11

RESULT 28 ;
US-08-602-999A-268 ; Sequence 268, Application US/08602999A
; Patent No. 6184205 ; GENERAL INFORMATION:
; APPLICANT: SPARKS, Andrew B.
; APPLICANT: KAY, Brian K.
; APPLICANT: THORN, Judith M.
; APPLICANT: QUILLIAM, Lawrence A.
; APPLICANT: DER, Channing J.
; APPLICANT: FOWLKES, Dana M.
; APPLICANT: RIDER, James E.
; TITLE OF INVENTION: SH3 BINDING PEPTIDES AND METHODS OF
; TITLE OF INVENTION: ISOLATING AND USING SAME
; NUMBER OF SEQUENCES: 467 ; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Penning & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/602,999A
; FILING DATE: 16-FEB-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 268;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-602-999A-268

Query Match 31.6%; Score 24; DB 4; Length 12;
Best Local Similarity 44.4%; Pred. No. 3.3e+02;
Matches 4; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 4 PVYPTKTFP 12 ;
; APPLICATION NUMBER: US/07/881,524
; FILING DATE: 08-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Deluca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1240

```

Db    3 PAYPPPPV 11

RESULT 29
PCT-US93-04329-3
; Sequence 3, Application PC/TUSS9304329
; GENERAL INFORMATION:
;   APPLICANT: Bradford A. Jameson and Renato Baserga
;   TITLE OF INVENTION: IGF-1 Analogs
;   NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Woodcock Washburn
;   ADDRESS: Kurtz Mackiewicz & Norris
;   STREET: One Liberty Place - 46th Floor
;   CITY: Philadelphia
;   STATE: PA
;   COUNTRY: USA
; ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/04329
FILING DATE: 19930507
CLASSIFICATION:
NAME: Mark DeLuca
REGISTRATION NUMBER: 33,229
PRIORITY INFORMATION:
APPLICATION NUMBER: 07/881,524
FILING DATE: 08-MAY-92,
ATTORNEY/AGENT INFORMATION:
NAME: Mark DeLuca
REGISTRATION NUMBER: 33,229
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 12
TYPE: AMINO ACID
TOPOLOGY: linear
PCT-US93-04329-3

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Query Match      31.6%; Score 24; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 4; Mismatches 0; Indels 0; Gaps 0;
QY      1 YMRPVYPTKT 10
Db      2 YAAPLKPARKS 11

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Search completed: January 31, 2002, 15:00:15
Job time: 170 sec

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Query Match      31.6%; Score 24; DB 5; Length 12;
Best Local Similarity 40.0%; Pred. No. 3.3e+02;
Matches 4; Mismatches 4; Indels 0; Gaps 0;
QY      1 YMRPVYPTKT 10
Db      2 YAAPLKPARKS 11

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RESULT 30
US-08-346-455B-32
; Sequence 32, Application US/08346455B
; Patent No. 5731167
; GENERAL INFORMATION:
;   APPLICANT: UNITED STATES OF AMERICA; DEPT.
;   APPLICANT: OF HEALTH AND HUMAN SERVICES
;   TITLE OF INVENTION: MOTILITY STIMULATING
;   TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
;   TITLE OF INVENTION: THERAPY
;   NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: MORGAN & FINNEGAN
;   STREET: 345 PARK AVENUE
;   CITY: NEW YORK
;   STATE: NEW YORK
;   COUNTRY: U.S.A.
;   ZIP: 10154

```

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,455B
FILING DATE: 28-NOV-1994
CLASSIFICATION: 530
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06613
FILING DATE: 24-MAY-1995
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/249,182
FILING DATE: 25-MAY-1994
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 07/822,043
FILING DATE: 17-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36,434
REFERENCE/DOCKET NUMBER: 2026-4149PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 13
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-346-455B-32

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Query Match 31.6%; Score 24; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 10 TFPN 13
Db 1111
Db 1 TFPN 4

